

EMPLOYEE TRAINING RECORD

TRAINING TITLE Corrosive Chemicals

KEY TEACHING POINTS

ACIDS

- Examples: Sulfuric (H₂SO₄), Hydrochloric or muriatic (HCl), Nitric (HNO₃), glacial acetic (H₄C₂O₂), and chromic acid.
- Acids are extremely corrosive to human tissue, metals, clothing, wood, cement, stone, and concrete.
- Commercially available spill clean-up materials should be kept on hand to neutralize acid in the event of an accidental spill.

BASES

- Examples: Sodium hydroxide (caustic soda or lye - NaOH), potassium hydroxide (KOH), alkaline iodine - sodium azide solution (used in dissolved oxygen test).
- Bases are extremely corrosive to skin, clothing, and leather.
- Commercially available spill clean-up kits should be kept on hand for use in the event of an accidental spill.

MISCELLANEOUS

- Examples: Chlorine, ferric salts (ferric chloride), and other strong oxidants.

TEST

QUESTION	ANSWERS	
	TRUE	FALSE
1. Ferric chloride is a strong oxidant.		
2. Bases are corrosive to skin, clothing, and leather.		
3. Do not clean up a spill, only call the HAZMAT team to do this.		
4. Acids are extremely corrosive to human tissue, metals, clothing, wood, cement, stone, and concrete.		
5. Caustic soda is an acid.		

EMPLOYEE'S NAME	EMPLOYEE'S SIGNATURE	DATE
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INSTRUCTOR'S NAME	INSTRUCTOR'S SIGNATURE	DATE
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1. True 2. True 3. False 4. True 5. False
